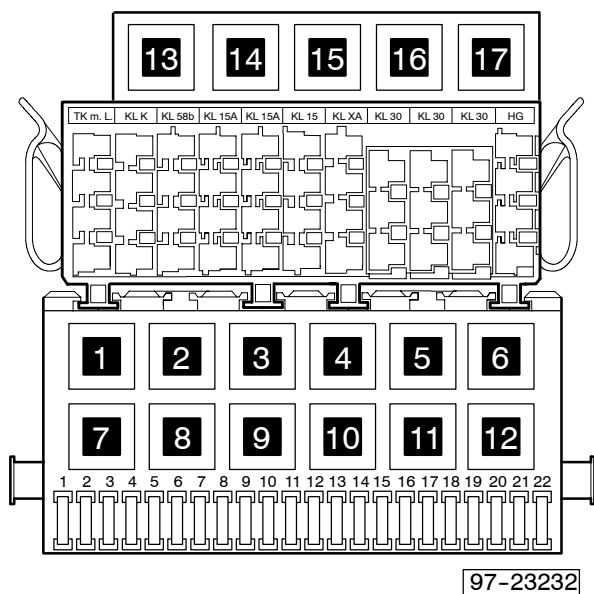


Climatronic,

from September 1998

- 2.8 L- Engine - Motronic Multiport Fuel Injection (MFI)/103 kW, code AES, with automatic transmission

Deviate relay location and fuseplacements as well as the locations of multiple connectors see section "component locations".

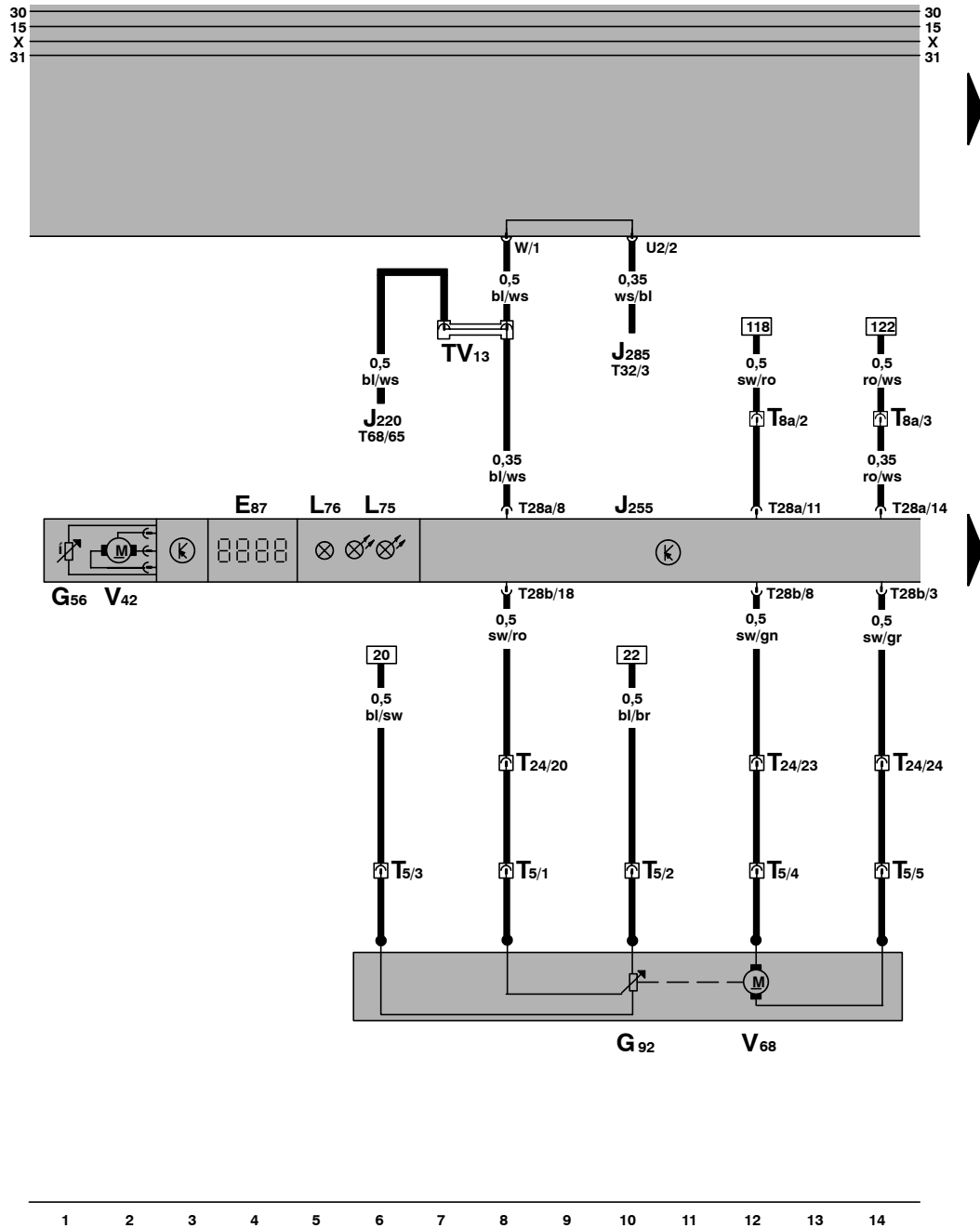


- 1 Relay for Climatronic (140)

Note: Number in parentheses indicates production control number stamped on relay housing.

Fuse colors

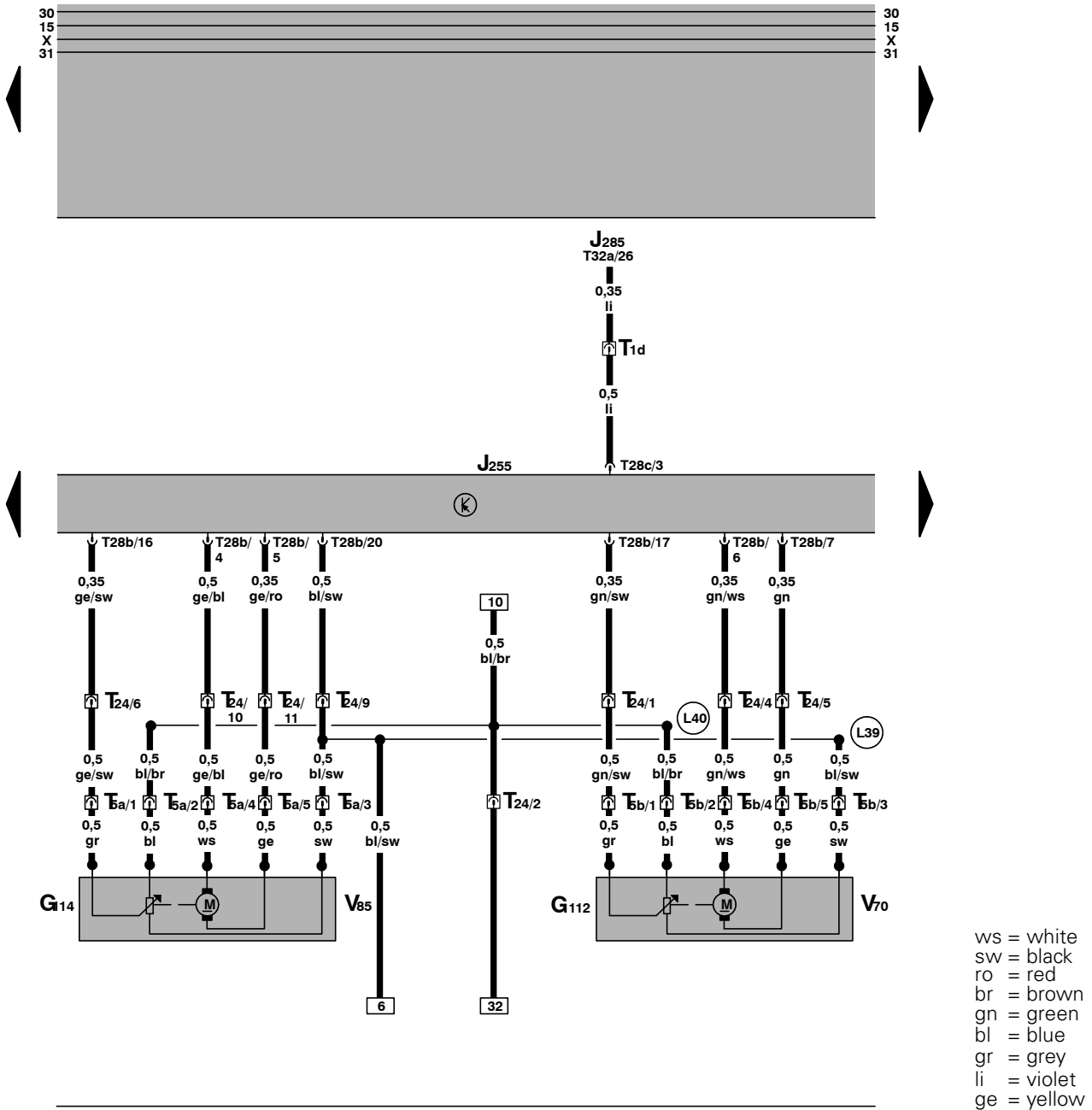
- 30 A - green
- 25 A - white
- 20 A - yellow
- 15 A - blue
- 10 A - red
- 7,5 A - brown
- 5 A - beige
- 3 A - violet



ws = white
 sw = black
 ro = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = violet
 ge = yellow

97-23921

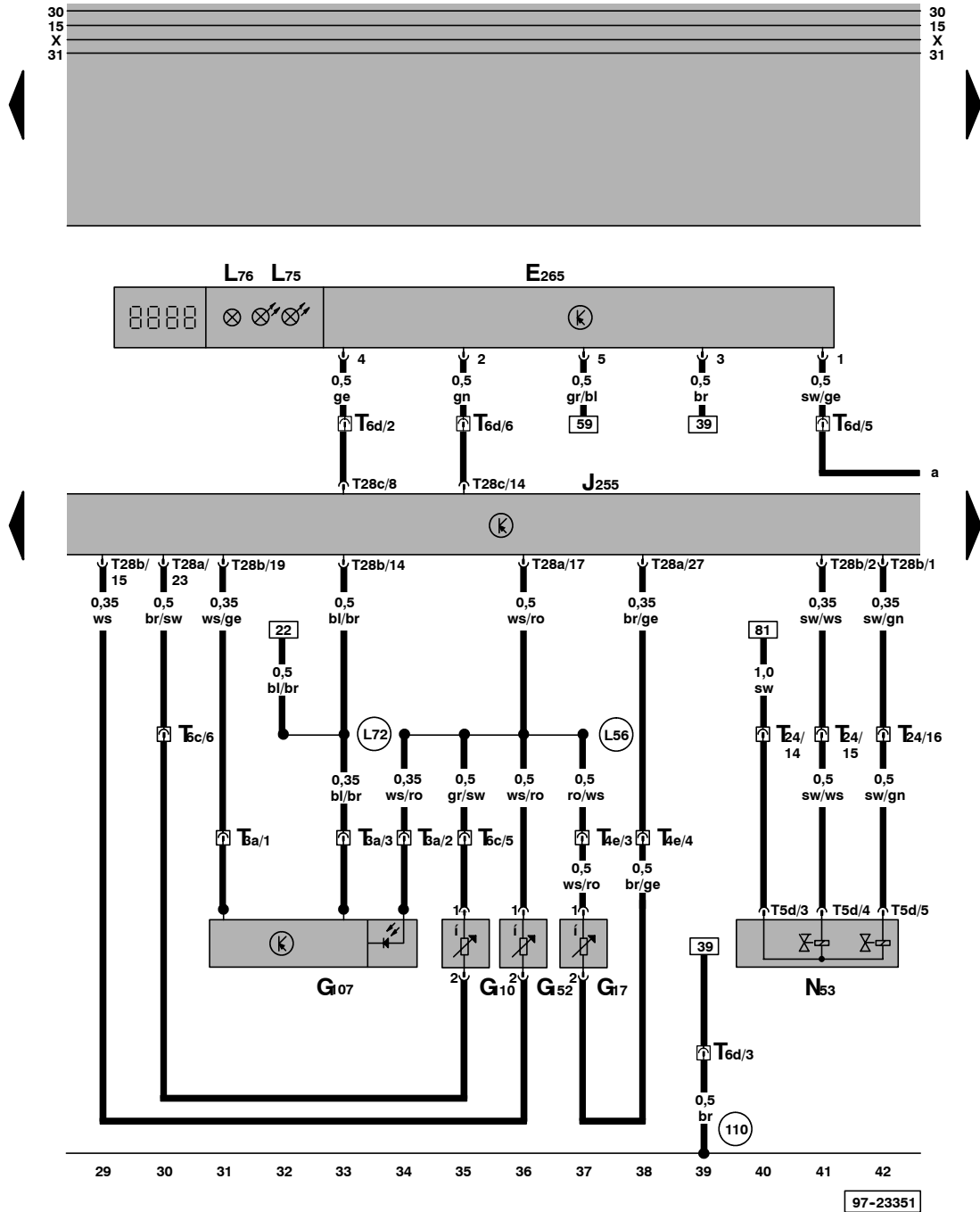
- E87 - A/C Control Head
- G56 - Instrument Panel Interior Temperature Sensor
- G92 - Temperature Regulator Flap Motor Position Sensor
- J220 - Motronic Engine Control Module (ECM), in engine compartment, left
- J255 - Climatronic Control Module
- J285 - Control module with indicator unit in instrument panel insert
- L75 - Digital Display Light
- L76 - Push Button Light
- T5 - 5-Pin Connector, behind instrument panel, center
- T8a - 8-Pin Connector, behind fuse/relay panel
- T24 - 24-Pin Connector, behind instrument panel, left
- T28a - 28-Pin Connector, red
- T28b - 28-Pin Connector, blue
- T32 - 32-Pin Connector, blue
- T68 - 68-Pin Connector, on Motronic Engine Control Module (ECM)
- TV13 - Vehicle Speed Signal Wire Connector, blue
- V42 - Interior Temperature Sensor Fan
- V68 - Temperature Regulator Flap Motor



97-23922

- G112 - Central Flap Motor Position Sensor
- G114 - Footwell/Defrost Flap Motor Position Sensor
- J255 - Climatronic Control Module
- J285 - Control module with indicator unit in instrument panel insert
- T1d - Single Connector, behind fuse/relay panel
- T5a - 5-Pin Connector, behind instrument panel, center
- T5b - 5-Pin Connector, behind instrument panel, center
- T24 - 24-Pin Connector, behind instrument panel, right
- T28b - 28-Pin Connector, blue
- T28c - 28-Pin Connector, white
- T32a - 32-Pin Connector, green
- V70 - Central Air Flap Motor

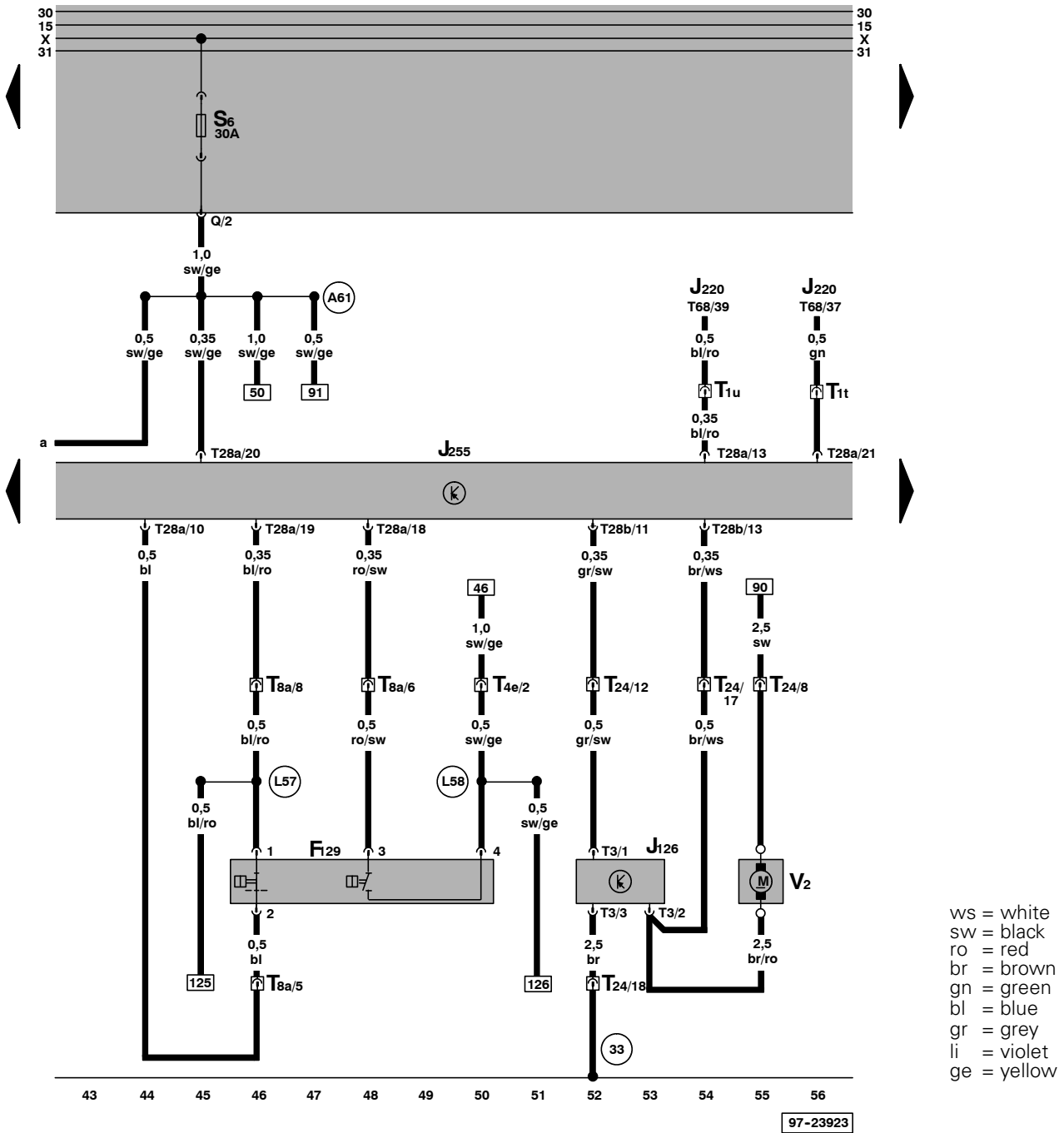
- V85 - Footwell/Defroster Flap Motor
- (L39) - Wire connection (A/C Pressure Switch) -1-, in Climatronic wiring harness
- (L40) - Wire connection (A/C Pressure Switch) -2-, in Climatronic wiring harness



ws = white
 sw = black
 ro = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = violet
 ge = yellow

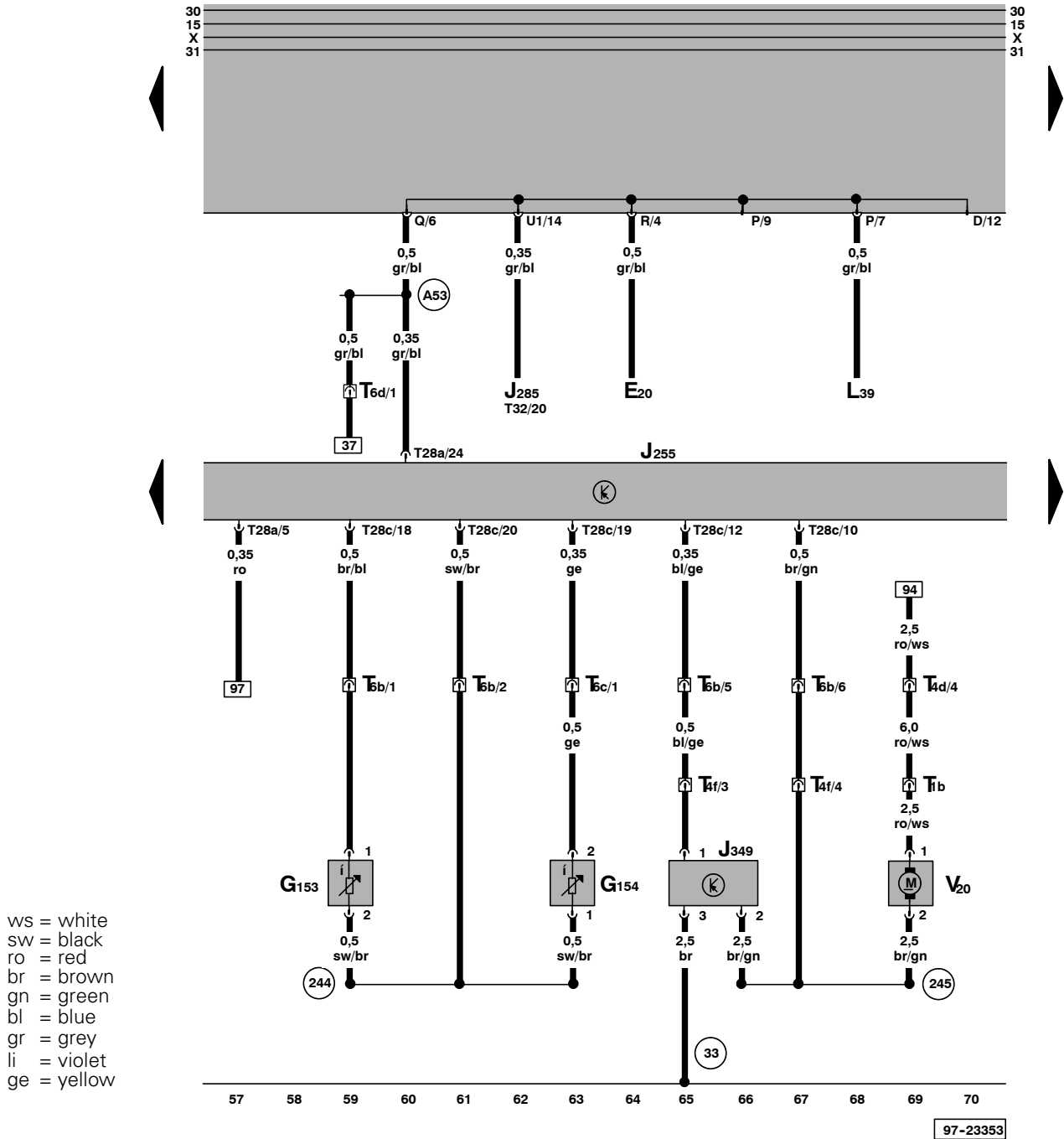
- E265 - A/C Control Head rear
- G17 - Outside Air Temperature Sensor, on front bumper left
- G107 - Sunlight Photo Sensor, on instrument panel, left
- G110 - A/C Engine Coolant Temperature (ECT) Sensor, in engine compartment, left
- G152 - Front Vent Temperature Sensor, on console for footwell, left vent side
- J255 - Climatronic Control Module
- L75 - Digital Display Light
- L76 - Push Button Light
- N53 - Vacuum Valve Rail
- T3a - 3-Pin Connector, behind instrument panel, left
- T4e - 4-Pin Connector, behind fuse/relay panel
- T5d - 5-Pin Connector
- T6c - 6-Pin Connector, behind fuse/relay panel

- T6d - 6-Pin Connector, behind fuse/relay panel
- T24 - 24-Pin Connector, behind instrument panel, right
- T28a - 28-Pin Connector, red
- T28b - 28-Pin Connector, blue
- T28c - 28-Pin Connector, white
- (110) - Ground connection -2-, in instrument panel wiring harness
- (L56) - Connector (Sensor), in wiring harness Climatronic
- (L72) - Connector (Photo Sensor), in wiring harness Climatronic



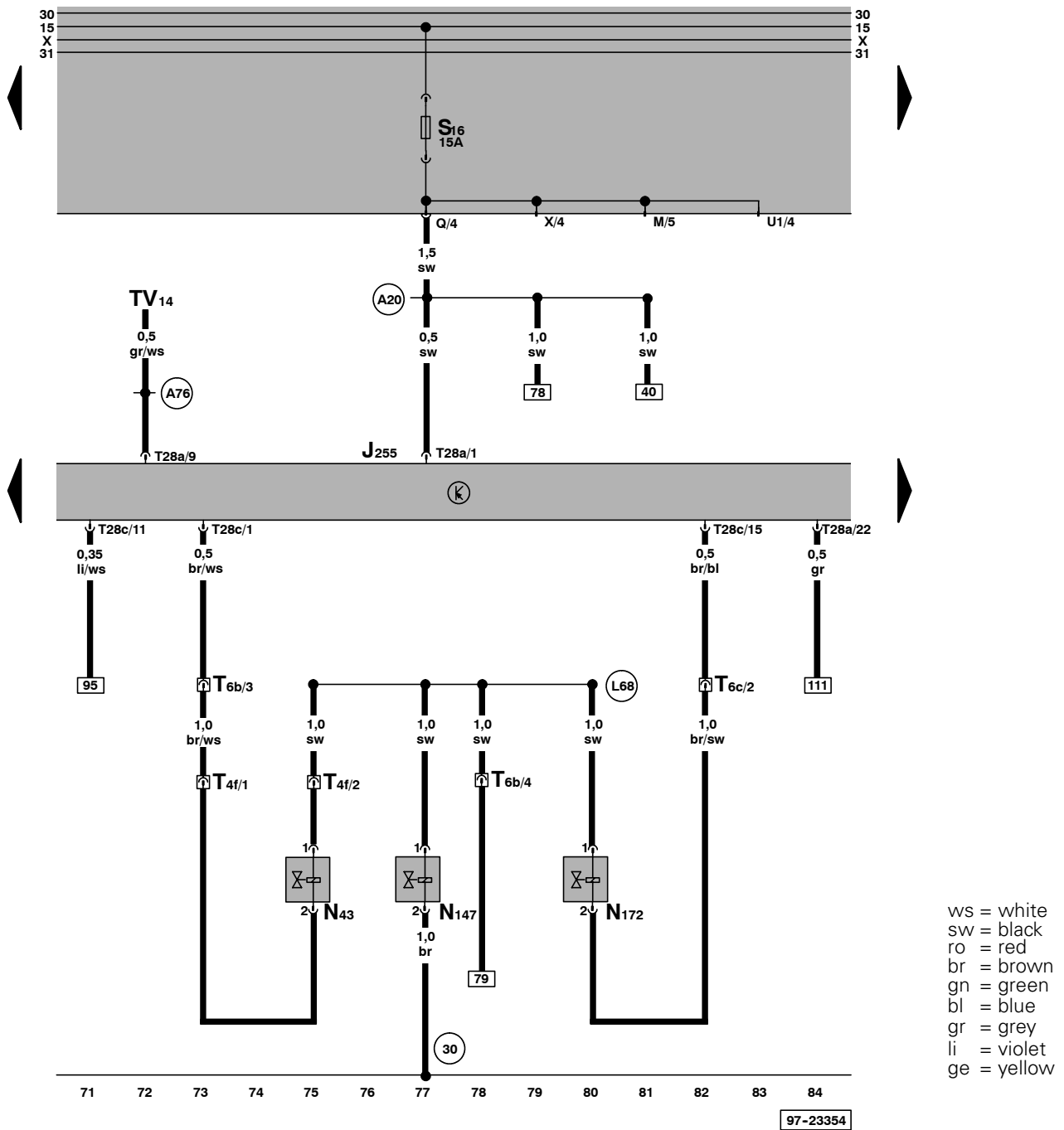
- F129 - A/C Pressure Switch
- J126 - Control module for fresh air blower
- J220 - Motronic Engine Control Module (ECM), in engine compartment, left
- J255 - Climatronic Control Module
- J285 - Control module with indicator unit in instrument panel insert
- T1t - Single Connector (Connection A/C), behind fuse/relay panel
- T1u - Single Connector (Connection A/C), behind fuse/relay panel
- T3 - 3-Pin Connector
- T4e - 4-Pin Connector, behind fuse/relay panel
- T8a - 8-Pin Connector, behind fuse/relay panel
- T24 - 24-Pin Connector, behind instrument panel, right
- T28a - 28-Pin Connector, red

- T28b - 28-Pin Connector, blue
- T68 - 68-Pin Connector
- V2 - Fresh Air Blower
- (33) - Ground connection, behind instrument panel, right
- (A61) - Plus Connection (X), in Instrument cluster wiring harness
- (L57) - Connector (Pressure switch for A/C) -1- in wiring harness Climatronic - Fan for coolant
- (L58) - Connector (Pressure switch for A/C) -2- in wiring harness Climatronic - Fan for coolant



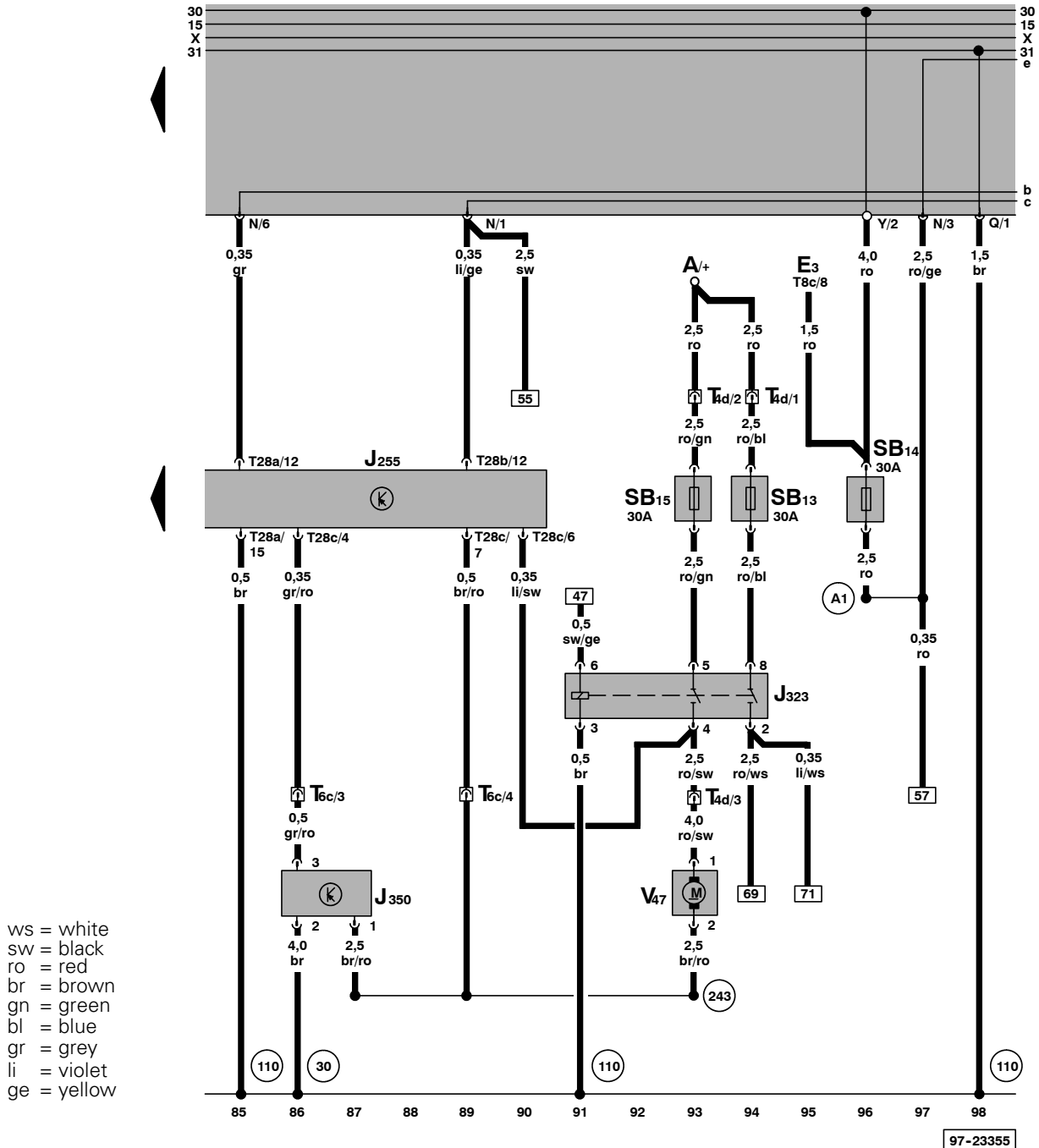
- E20 - Instrument Panel Light Dimmer Switch
- G153 - Rear Evaporator Temperature Sensor
- G154 - Rear Heater Core Temperature Sensor
- J255 - Climatronic Control Module
- J285 - Control module with indicator unit in instrument panel insert
- J349 - Control module for blower for evaporator
- L39 - Rear Window Defogger Switch Light
- T1b - Single Connector, behind trim D-pillar right, lower
- T4d - 4-Pin Connector, behind fuse/relay panel
- T4f - 4-Pin Connector, behind trim D-pillar right, lower
- T6b - 6-Pin Connector, behind fuse/relay panel
- T6c - 6-Pin Connector, behind fuse/relay panel
- T6d - 6-Pin Connector, behind fuse/relay panel

- T28a - 28-Pin Connector, red
- T28c - 28-Pin Connector, white
- T32 - 32-Pin Connector, blue
- V20 - Rear Evaporator Fan
- (33) - Ground connection, behind instrument panel, right
- (244) - Ground connection (Sensor ground), in wiring harness Climatronic
- (245) - Ground connection in wiring harness blower for 2nd Evaporatur
- (A53) - Plus connection (58b), in instrument panel wiring harness



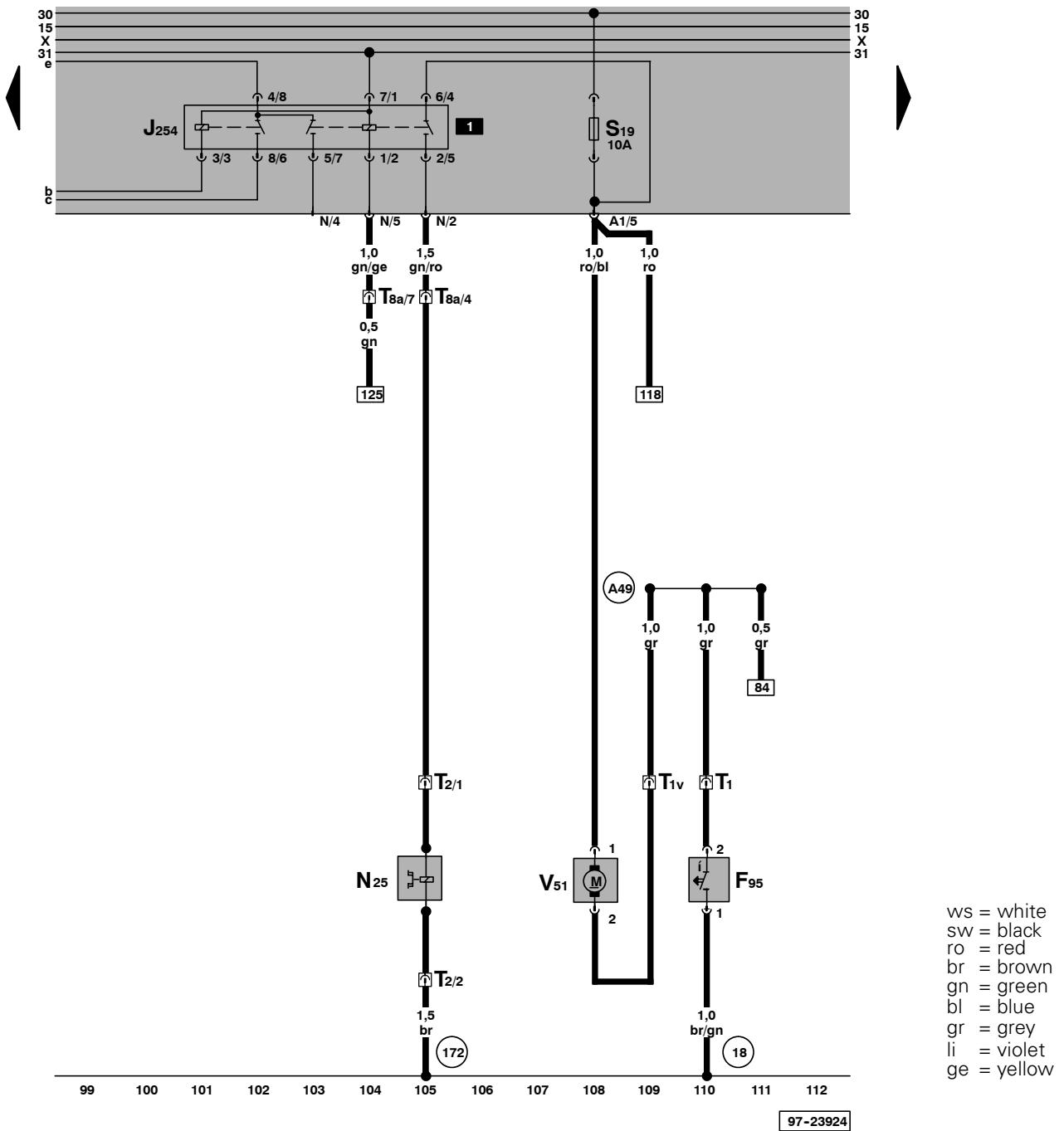
J255 - Climatronic Control Module
 N43 - A/C Refrigerant Shut-Off Valve, behind trim D-pillar right, lower
 N147 - Engine Coolant Two-way Vacuum Valve, on firewall, left
 N172 - Auxiliary Heater Valve, on firewall, left
 T4f - 4-Pin Connector, behind trim D-pillar right, lower
 T6b - 6-Pin Connector, behind fuse/relay panel
 T6c - 6-Pin Connector, behind fuse/relay panel
 T28a - 28-Pin Connector, red
 T28c - 28-Pin Connector, white
 TV14 - Data Link Connector (DLC) wire Connector, white

(30) - Ground connection, -1-, beside fuse/relay panel
 (A20) - Wire connection (15a), in instrument panel wiring harness
 (A76) - Connector (K-diagnosis wire), in instrument panel wiring harness
 (L68) - Connection 2 (sensor) in Climatronic wiring harness



- A - Battery
- E3 - Emergency Flasher Switch
- J255 - Climatronic Control Module
- J323 - Fan Relay, control number (114), behind instrument panel, center
- J350 - Control module for warm air blower
- SB13 - Fuse 13 in fuse holder, below relay panel
- SB14 - Fuse 14 in fuse holder, below relay panel
- SB15 - Fuse 15 in fuse holder, below relay panel
- T4d - 4-Pin Connector, behind fuse/relay panel
- T6c - 6-Pin Connector, behind fuse/relay panel
- T8c - 8-Pin Connector, on Emergency Flasher Switch
- T28a - 28-Pin Connector, red
- T28b - 28-Pin Connector, blue
- T28c - 28-Pin Connector, white
- V47 - Rear Warm Air Fan

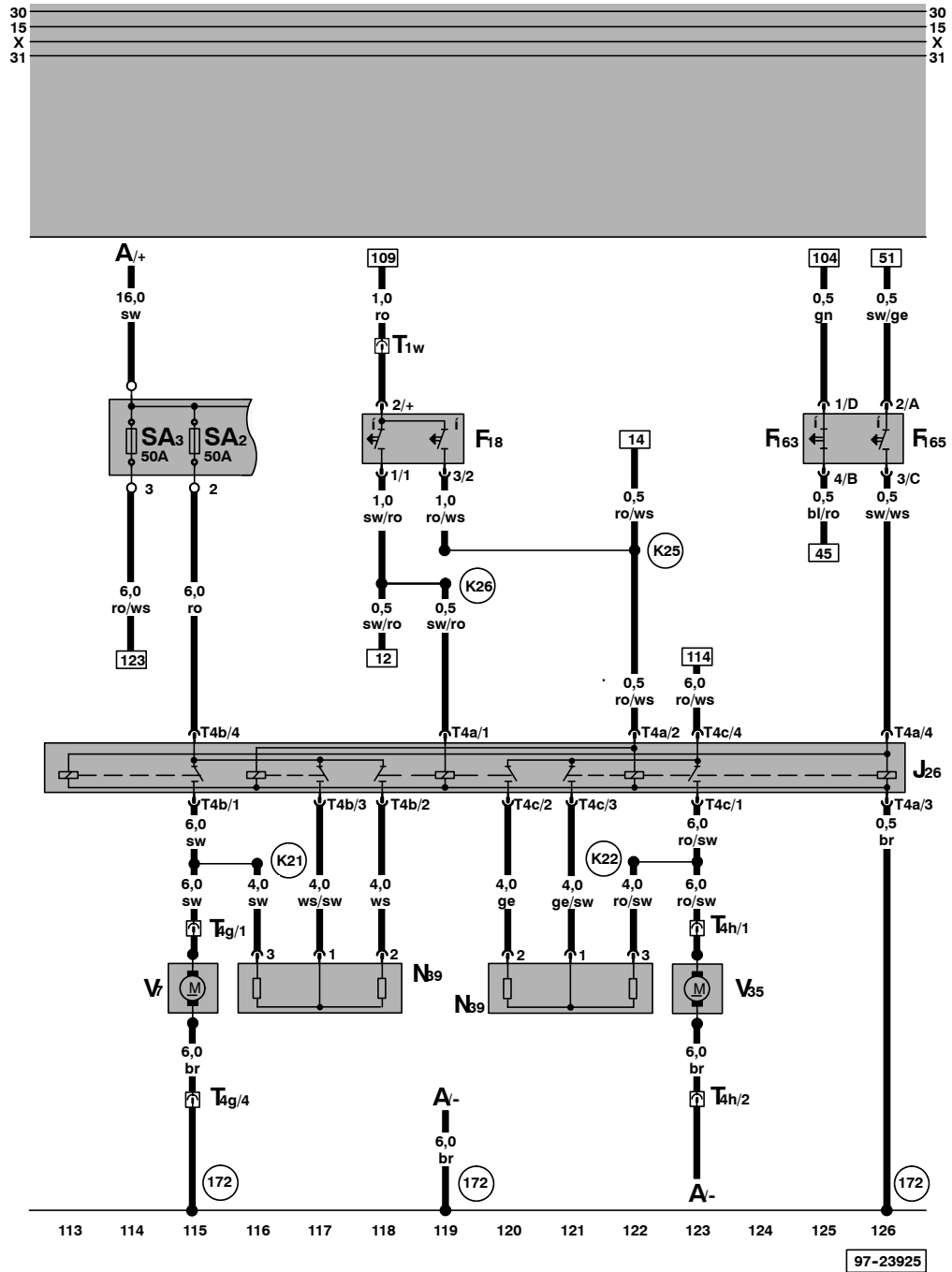
- (30) - Ground connection -1-, beside fuse/relay panel
- (110) - Ground connection -2-, in instrument panel wiring harness
- (243) - Ground connection -1- in wiring harness, Climatronic
- (A1) - Plus connection (30a), in instrument panel wiring harness



- F95 - After-Run Coolant Thermal Switch
- J254 - Relay for Climatronic, control number (140), switch delay time 1/2 second
- N25 - A/C Clutch
- T1 - Single Connector, behind fuse/relay panel
- T1v - Single Connector, behind fuse/relay panel
- T2 - Double Connector, in engine compartment, right front
- T8a - 8-Pin Connector, behind fuse/relay panel
- V51 - After-Run Coolant Pump

- (18) - Ground connection, on engine block
- (172) - Ground connection, in engine compartment climatronic wiring harness

(A49) - Wire connection -1-, in instrument panel wiring harness



ws = white
 sw = black
 ro = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = violet
 ge = yellow

- A - Battery
- F18 - Coolant Fan Control (FC) Thermal Switch
- F163 - A/C Cut-Out Thermal Switch
- F165 - Third Speed Coolant Fan Control (FC) Thermal Switch, in engine compartment, front
- J26 - Coolant Fan control (FC) Relay, in engine compartment, left front
- N39 - Coolant Fan Control (FC) Series Resistance
- SA2 - Fuse -2- in fuse bracket/battery
- SA3 - Fuse -3- in fuse bracket/battery
- T1w - Single Connector, behind fuse/relay panel
- T4a - 4-Pin Connector
- T4b - 4-Pin Connector
- T4c - 4-Pin Connector
- T4g - 4-Pin Connector, near coolant fan
- T4h - 4-Pin Connector, near coolant fan

- V7 - Left Coolant Fan (450 W)
- V35 - Right Coolant Fan (450 W)
- (172) - Ground connection, in engine compartment climatronic wiring harness
- (K21) - Wire connection -1-, in coolant fan wiring harness
- (K22) - Wire connection -2-, in coolant fan wiring harness
- (K25) - Wire connection -4-, in coolant fan wiring harness
- (K26) - Wire connection -5-, in coolant fan wiring harness